IN THE CLAIMS

Claims 1-10 (Cancelled)

11. (Original) A geometric skeletal modeling system comprising: a plurality of coupling elements; and a plurality of struts, each strut including a shaft section, a first planar end, a second planar end, a first flexible section coupling a first end of said shaft and said first planar end, and a second flexible section coupling a second end of said shaft and said second planar end, said coupling elements being adapted to couple selected planar ends of different struts in face-to-face relation.

12. (Original) A system according to claim 11 wherein said coupling elements comprise pins and said selected planar ends include apertures therethrough.

13. (Original) A system according to claim 12 wherein a selected one of said pins inserts in normal relation to said selected planar ends and maintain said selected planar ends in face-to-face relation while allowing rotation thereof about an axis of said selected one of said pins.

14. (Original) A system according to claim 11 wherein each of said struts comprise a tubular shaft, a first end-tab as said first planar end and said first flexible section, and a second end-tab as said second planar end and said flexible section.

15. (Original) A system according to claim 14 wherein each of said end-tabs comprise a coupling element for attachment to said tubular shaft.

16. (Original) A system according to claim 15 wherein said attachment is by insertion into said tubular shaft.

17. (Original) A system according to claim 16 wherein said tubular shaft may be cut to selected length while preserving an ability to receive said end-tabs.

18. (Original) A system according to claim 11 wherein system includes a plurality of apertures, each first planar element and each second planar element include at least one of said apertures therethrough and wherein said coupling elements comprise node pins adapted for engaging selected ones of said apertures and securing in stacked relation corresponding selected ones of said planar elements.

19. (Original) A system according to claim 18 wherein said node pins comprise axially extendable elements having a first outer diameter when in a rest state and a lesser second outer diameter in an axially stretched state, said first outer diameter being greater than a diameter of said apertures, said second outer diameter being less than said diameter of said apertures.

20. (Original) A system according to claim 19 wherein each of said node pins include first and second holding walls in face-to-face relation and capturing therebetween said corresponding selected ones of said planar elements.

21. (Original) A system according to claim 18 wherein said node pins comprise laterally compressible elements having a first outer diameter when in a rest state and a lesser second outer diameter in an axially stretched state, said first outer diameter being greater than a diameter of said apertures, said second outer diameter being less than said diameter of said apertures.

22. (Original) A system according to claim 21 wherein said node pins include a central valley section capturing therein said corresponding selected ones of said planar elements.

23. (Original) A system according to claim 21 wherein said node pins are adapted in dimension relative to said diameter of said aperture whereby at least two of said node pins can occupy one of said apertures.

Claims 24-28 (Cancelled)

29. (New) A geometric skeletal modeling system comprising:

a plurality of coupling elements; and

a plurality of struts, each strut including a rigid shaft section with resiliently flexible planar ends with each of said planar ends having an aperture formed therethrough, wherein a first group of said plurality of struts are arranged so that apertures of planar ends of the first group are arranged along a coaxial axis in face-to-face arrangement and receive a single coupling element therethrough so that the struts may be rotated around the coupling element, with the flexible planar ends bent obliquely to the coaxial axis so that each of struts of the first group point in different directions from the coupling element.

30. (New) A system according to claim 29 wherein each of said struts comprise a tubular shaft, a first end-tab as said first planar end and said first flexible section, and a second end-tab as said second planar end and said flexible section.